

## **ESTIMATING MOTION TRIALS IN VIDEO IMAGE SEQUENCES**

### **ABSTRACT**

A method, apparatus and program storage device for estimating motion trials in video  
5 image sequences is described. Regression clustering may be performed by selecting a  
number of regression clusters,  $K$ , for data points from an image sequence. Regression  
functions for each of the  $K$  clusters are initialized to estimate the centers of motion for the  
data points.